

03165504  
STATE IDENTIFICATION NUMBER  
(If Applicable)

ILD 980793079  
EPA IDENTIFICATION NUMBER

11-0309-15

RS-8413-01D

RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS  
Form B Generator Inspection\*  
(40 CFR Part 262)

I. General Information:\*

(A) Installation Name: PVS CHEMICALS  
(B) Street: 12260 SOUTH CARONDOLET  
(C) City: CHICAGO (D) State: ILLINOIS (E) Zip Code: 60631  
(F) Phone: (312) 933-8800 (G) County: COOK  
(H) Date of Inspection: 8-9-82 Time of Inspection (From) 10AM (To) 11:10A  
(I) Weather Conditions: clear 75°F

(J) Person(s) interviewed	Title	Telephone
<u>DALE SMYSER</u>	<u></u>	<u>933-8800</u>
<u></u>	<u></u>	<u></u>
<u></u>	<u></u>	<u></u>

(K) Inspection Participants	Agency/Title	Telephone
<u>BONNIE ELEDER</u>	<u>EPS II</u>	<u>345-9780</u>
<u>MARY SCHROEDER</u>	<u>EPS III</u>	<u>345-9780</u>
<u></u>	<u></u>	<u></u>

(L) Preparer Information

Name	Agency/Title	Telephone
<u>Mary Schroeder</u>	<u>EPS III</u>	<u>345-9780</u>

\*Do not use this form if Generator is also a treatment, storage, and/or disposal facility.  
Complete form "A" if the Generator is also a TSD facility.



## II. BRIEFLY DESCRIBE SITE ACTIVITY

THIS FACILITY GENERATES CORROSIVE WASTE.  
IT IS NEUTRALIZED PRIOR TO DISCHARGE  
TO SURFACE IMPOUNDMENTS. R.D. HERZBERGER  
PLANT MGR, NOT AVAILABLE DURING THIS  
INSPECTION,

## III. MANIFEST REQUIREMENTS

(Subpart B)

	Yes	No	NI*	Remarks
(A) Does the operator have copies of the manifest available for review?	___	___	N/A	NO H.W. REMOVED FROM SITE
(B) Do the manifest forms reviewed contain the following information? (If possible, make copies of, or record information from, manifests that do not contain the critical elements)				
1. Manifest document number?	___	___	N/A	
2. Name, mailing address, telephone number, and EPA ID number of generator?	___	___	N/A	
3. Name and EPA ID Number of transporter(s)?	___	___	N/A	
4. Name, Address, and EPA ID Number of designated permitted facility and alternate facility?	___	___	N/A	

\*Not Inspected

	Yes	No	NI*	Remarks
5. The description of the waste(s) (DOT shipping name, DOT hazard class, DOT identification number)?	_____	_____	N/A	_____
6. The total quantity of waste(s) and the type and number of containers loaded?	_____	_____	N/A	_____
7. Required certification?	_____	_____	N/A	_____
8. Required signatures?	_____	_____	N/A	_____
(C) Does the owner or operator submit exception reports when needed?	_____	_____	N/A	_____

#### IV. PRE-TRANSPORT REQUIREMENTS

(A) Is waste packaged in accord- ance with DOT regulations? (Required prior to movement of hazardous waste off-site)	_____	_____	N/A	_____
(B) Are waste packages marked and labeled in accordance with DOT regulations concerning hazardous waste materials? (Required prior to movement of hazardous waste off-site)	_____	_____	N/A	_____
(C) If required, are placards available to transporter?	_____	_____	N/A	_____
(D) Pre-shipment Accumulation:				
1. Are containers marked with start of accumulation date?	_____	_____	N/A	_____
2. Are the containers of hazardous waste removed from installation before they can accumulate for more than 90 days?	_____	_____	N/A	_____

\*Not Inspected

	Yes	No	NI*	Remarks
3. Are wastes stored in containers managed in accordance with 40 CFR Part 265.174 and 265.176 (weekly inspections of containers, containers holding ignitable or reactive wastes located at least 15 meters (50 feet) from facility's property line)?	—	—	N/A	—
4. If wastes are stored in tanks, are the tanks managed according to the following requirements:				
a. Are tanks used to store only those wastes which will not cause corrosion leakage or premature failure of the tank?	X	—	—	—
b. Do uncovered tanks have at least 60 cm (2 feet) of freeboard, dikes, or other containment structures?	—	—	N/A	—
c. Do continuous feed systems have a waste-feed cutoff?	X	—	—	—
d. Are required daily and weekly inspections done?	X	—	—	—
e. Are reactive and ignitable wastes in tanks protected from sources of reaction and ignition, or rendered non-reactive or non-ignitable? Indicate if waste is ignitable or reactive. (If waste is rendered non-reactive or non-ignitable, see treatment requirements)	—	—	N/A	—
f. Are incompatible wastes stored in separate tanks? (If not, the provisions of 40 CFR §265.17(b) apply)	—	—	N/A	—
g. Has the owner or operator observed the National Fire Protection Association's buffer zone requirements for tanks containing ignitable or reactive wastes?	—	—	N/A	—

\*Not Inspected

Record the following information:

Tank capacity? N/A gallons

Tank diameter? \_\_\_\_\_ feet

Distance of tank from property line? \_\_\_\_\_ feet

(see tables 2-1 through 2-6 of NEPA's "Flammable and Combustible Liquids Code - 1977" to determine compliance)

V Training, Emergency Procedures

	YES	NO	NI*	Remarks
A. Do Personnel training records include: (Effective 5/19/81)				
1. Job Titles?	_____	_____	<u>X</u>	_____
2. Job Descriptions?	_____	_____	<u>X</u>	_____
3. Description of training?	_____	_____	<u>X</u>	_____
4. Records of training?	_____	_____	<u>X</u>	_____
5. Have facility personnel received required training by 5-19-81?	<u>X</u>	_____	_____	_____
6. Do new personnel receive required training within six months?	<u>X</u>	_____	_____	_____
B. Preparedness and Prevention (Part 265, Subpart C)				
1. Maintenance and Operation of Facility:	_____	_____	_____	_____
a. Is there any evidence of fire, explosion, or release of hazardous waste or hazardous waste constituent?	_____	<u>X</u>	_____	_____

\*Not Inspected

2. If required, does this facility have the following equipment?

a. Internal communications or alarm systems?

b. Telephone or 2-way Radios at the scene of operations?

c. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment?

X

X

X

X

Indicate the volume of water and/or foam available for fire control

3. Testing and Maintenance of Emergency Equipment:

a. Has the owner or operator established testing and maintenance procedures for emergency equipment?

b. Is emergency equipment maintained in operable condition?

4. Has owner/operator provided immediate access to internal alarms (if needed)?

5. Is there adequate aisle space for unobstructed movement?

X

X

X

X

C. Contingency Plan and Emergency Procedure  
(Part 265, Subpart D)

\*Not Inspected

B 33

1. Does the contingency plan contain the following:

a. The actions facility personnel must take to comply with §265.51 and 265.56 in response to fires, explosions, or any unplanned release of hazardous waste? (If the owner has a Spill Prevention, Control and Countermeasures (SPCC) Plan, he needs only to amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this Part as applicable)

X    —    —    —

b. Arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services, pursuant to §265.37?

X    —    —    —

c. Names, addresses, and phone numbers (Office and Home) of all persons qualified to act as emergency coordinator.

—    X    —    —

have names &  
phones but no  
home addresses

d. A list of all emergency equipment at the facility which includes the location and physical description of each item on the list, and a brief outline of its capabilities?

X    —    —    —

e. An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary? (This plan must describe signal(s) to be used to begin evacuation, evacuation routes and alternate evacuation routes.

X    —    —    —

2. Are copies of the Contingency Plan available at site and local emergency organizations?

— X —

SMYSER NOT AWAY  
IF C.P. HAD BEEN  
SENT TO THE  
AUTHORITIES

3. Emergency Coordinator

a. Is the facility emergency Coordinator identified?

X — —

b. Is coordinator familiar with all aspects of site operation and emergency procedures?

X — —

c. Does the Emergency Coordinator have the authority to carry out the Contingency Plan?

X — —

4. Emergency

If an emergency situation has occurred at this facility, has the emergency coordinator followed the emergency procedures listed in §265.56?

— N/A —

VI. RECORDKEEPING AND REPORTING  
(Part 262, Subpart D)

(A) Are Manifests, Annual Reports, Exception Reports, and all test results and analyses retained for at least three years?

X — —

TEST RESULTS

(B) Has the generator submitted Annual Reports and Exception Reports as required?

— N/A —

VII. INTERNATIONAL SHIPMENTS  
(Part 262 Subpart E)

(A) Has the installation imported or exported hazardous waste?

— X —



## REMARKS

Use this section to briefly describe site activities observed at the time of the inspection. Note any possible violations of Interim Status Standards.

PVS CHEMICALS FORMULATES ALUMINUM CHLORIDE, SULFURIC ACID AND HYPO-AMMONIUM THIOSULFATE AT THIS FACILITY. PVS BOUGHT THIS FACILITY FROM ALLIED CHEMICAL ON ~~ED~~ OCTOBER 13, 1981. ACCORDING TO SMYSER, THE ONLY HAZARDOUS WASTE GENERATED AT THE SITE IS CORROSIVE WASTEWATER. SMYSER STATED THAT BECAUSE OF THE IMPENDING GROUNDWATER MONITORING REQUIREMENTS THE PLANT MODIFIED OPERATIONS TO RAISE THE PH OF THE MATERIAL PRIOR TO ITS DISCHARGE TO THE IMPOUNDMENTS. THE FACILITY AS IT OPERATES NOW QUALIFIES FOR THE ELEMENTARY NEUTRALIZATION UNIT UNDER 725.101 (C)10. AND THUS IS A GENERATOR ~~OF~~ OF HAZARDOUS WASTE. NEITHER ALLIED OR PVS HAS OFFICIALLY CLOSED THE SURFACE IMPOUNDMENT, HOWEVER. ADDITIONAL INFORMATION MUST BE OBTAINED FROM ALLIED AND PVS AS TO WHETHER THE IMPOUNDMENTS WERE EMPTIED (AND DREDGED ~~IF~~ IF NECESSARY) PRIOR TO THE PVS SALE. I RECOMMEND THAT THE IMPOUNDMENTS BE SAMPLED PRIOR TO REMOVING PVS FROM THE SUBPART F LIST. INFORMATION WILL BE FORWARDED TO GALE HRUSKA AS IT IS RECEIVED,  
(USEPA)

12 0001833714  
EPA IDENTIFICATION NUMBER

RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS  
Form 2 - Generator Inspection

I. General Information:

(A) Installation Name: Allied Chemical Corp. (Calumet Works)

(B) Street: 12260 So. Calumet Ave.

(C) City: Chicago (D) State: IL (E) Zip Code: 60633

(F) Phone: 312/733-8800 (G) County: Cook

(H) Operator: Allied Chemical Corp.

(I) Street: Columbia Rd. & Park Ave.

(J) City: Morris Town (K) State: NY (L) Zip Code: 07960

(M) Phone:                      (N) County:                     

(O) Owner: Same

(P) Street:                     

(Q) City:                      (R) State:                      (S) Zip Code:                     

(T) Phone:                      (U) County:                     

(V) Type of Ownership:                      Federal                      Municipal ✓ Private  
                     State                      County

(W) Date of Inspection: 2/19/81 Time of Inspection (From) 9<sup>45</sup> A (To) 11<sup>45</sup> A

(X) Weather Conditions: Fair - 50°F

(Y) Person(s) Interviewed	Title	Telephone
<u>Mr. C. T. Nielsen</u>	<u>Plant Manager</u>	<u>312/933-8800</u>
<u>Mr. D. L. Hatfield</u>	<u>Reg. Environ. Mgr.</u>	<u>Same</u>
<u>Mr. Steve Skogren</u>	<u>Reg. Environ. Super.</u>	<u>Same</u>

  

(Z) Inspection Participants	Title	Telephone
<u>Mr. R. E. Boice</u>	<u>Chem. E.</u>	<u>312/886-6220</u>
<u>Mr. E. N. Mortenson</u>	<u>Chem. E.</u>	<u>312/886-6221</u>

## II. OTHER TYPE OF HAZARDOUS WASTE ACTIVITY

- |   |   |
|---|---|
| (A) <u>      </u> Transporter (Form 3)  | (B) <u>✓</u> Chemical, Physical and Biological Treatment (Form 4) |
| (C) <u>✓</u> Storage (Form 5)           | (D) <u>      </u> Landfill (Form 6)                               |
| (E) <u>      </u> Incineration (Form 7) | (F) <u>      </u> Thermal Treatment (Form 7)                      |

(G) Comments: The plant produces Sulfuric acid in a contact plant (450 TPD),  
maint. AlCl<sub>3</sub> and cleans and repairs Sul. Acid Tank Cars. These operations  
generate an acidic waste water, pH 2.0, which is pumped into  
a well lined impoundment (has a 5 layer Asphalt impregnated burlap  
liner). This acidic water neutralized with NaOH (50% liquid) before

Supplemental forms (Listed in Parathesis) must be completed for each activity inspected. Attach all Supplemental forms to this report.

being allowed to settle out precipitated Fe(OH)<sub>3</sub> in another lined  
impoundment. After settling The neutralized and Clarified waste  
water is discharged To The City Sewer (MSD). The settled  
Sludge (not hazardous) is hauled To a landfill.

### III. MANIFEST

	Yes	No	Not Inspected	See Remark Number
(A) Are copies of the Manifest available?	✓			/
(B) Does the Manifest contain the following information:				
1. Manifest document number?	✓			
2. Name, mailing address, telephone number, and EPA ID Number of Generator?	✓			
3. Name and EPA ID Number of Transporter(s)?	✓			
4. Name, Address, and EPA ID Number of Designated permitted facility and alternate facility?	✓			
5. The description of the waste(s) (DOT shipping name, DOT hazard class, DOT identification number)?	✓			
6. The total quantity of waste(s) and the type and number of containers loaded?	✓			
7. Required Certification?	✓			
8. Required Signatures?	✓			
(C) Does the Owner or Operator Submit Exception Reports when Needed?	N/A			(Has not occurred)

### IV. PRE-TRANSPORT REQUIREMENTS

(A) Is Generator Packaging waste in accordance with DOT Regulations?	✓			
(B) Are waste packages marked and labeled in accordance with DOT Regulations concerning hazardous waste materials?	✓			
(C) If required, are placards available to transporter?	✓			

	Yes	No	Not Inspected	See Remark Number
(D)-Pre-shipment Accumulation: -----				
1. Are containers marked with start of accumulation date?	<u>✓</u>	<u>      </u>	<u>      </u>	<u>      </u>
2. Are the containers of hazardous waste removed from installation before they can accumulate for more than 90 days?	<u>      </u>	<u>✓</u>	<u>      </u>	<u>2</u>
3. Are wastes stored in containers managed in accordance with 40 CFR Part 265.174 and 265.176 (weekly inspections of containers, containers holding ignitable or reactive wastes located at least 15 meters (50 Feet) from facility's property line?	<u>✓</u>	<u>      </u>	<u>      </u>	<u>3</u>
4. Are wastes stored in tanks managed according to the following:				
a. Are tanks used to store only those wastes which will not cause corrosion leakage or premature failure of the tank?	<u>N/A</u>	<u>      </u>	<u>      </u>	<u>4</u>
b. Do uncovered tanks have at least 60 cm (2 feet) of freeboard, or dikes or other containment structures?	<u>✓</u>	<u>      </u>	<u>      </u>	<u>5</u>
c. Do continuous feed systems have a waste-feed cutoff?	<u>N/A</u>	<u>      </u>	<u>      </u>	<u>6</u>
d. Are required daily and weekly inspections done?	<u>N/A</u>	<u>      </u>	<u>      </u>	<u>      </u>
e. Are reactive & ignitable wastes in tanks protected or rendered non-reactive or non-ignitable? (If waste is rendered non-reactive or non-ignitable, see treatment requirements?)	<u>N/A</u>	<u>      </u>	<u>      </u>	<u>      </u>
f. Are incompatible wastes stored in separate tanks? (If not, the provisions of 40 CFR §265.17(b) apply)	<u>N/A</u>	<u>      </u>	<u>      </u>	<u>      </u>

5. If hazardous wastes accumulate on site, does the generator follow the following general facility standards?

A. Do Personnel training records include: *General Facility Standards*  
*If Generator is also a TSD; omit section*

1. Job Titles? \_\_\_\_\_

2. Description of Training? \_\_\_\_\_

3. Records of Training? \_\_\_\_\_

Is Personnel Training Completed within the Required Time Frame? \_\_\_\_\_

#### B. Preparedness and Prevention

1. Maintenance and Operation of Facility:

a. Is there any evidence of fire, explosion, or release of hazardous waste or hazardous waste constituent? \_\_\_\_\_

2. Does the Facility have the following equipment?

a. Alarm system? \_\_\_\_\_

b. Telephone or 2-Way Radios? \_\_\_\_\_

c. Portable fire extinguishers, fire control, spill control equipment and decontamination equipment? \_\_\_\_\_

Indicate the volume of water and/or foam available for fire control

Units: \_\_\_\_\_

3. Testing and Maintenance of Emergency Equipment:

a. Has the Owner or Operator established testing and Maintenance Procedures for Emergency Equipment? \_\_\_\_\_

b. Is emergency equipment Maintained in Operable Condition? \_\_\_\_\_

	Yes	No	Not Inspected	See Remark Number
4. Has Owner/Operator Provided Immediate Access to Internal Alarms (if needed)?	_____	_____	_____	_____
5. Is there adequate Aisle Space for unobstructed Movement?	_____	_____	_____	_____
6. Are arrangements with local authorities included in the operating record?	_____	_____	_____	_____
(C) Contingency Plan and Emergency Procedure				
1. Does the contingency plan contain the following:				
a. The actions facility personnel must take to comply with §264.51 and 261.56 in response to fires, explosions, or any unplanned release of hazardous waste? (If the owner has a Spill Prevention, Control and Countermeasures (SPCC) Plan, he needs only to amend that plan to incorporate hazardous waste management provisions that are sufficient to comply with the requirements of this Part)	_____	_____	_____	_____
b. Arrangements agreed to by local police departments, fire departments, hospitals, contractors, and State and local emergency response teams to coordinate emergency services, pursuant to §264.37?	_____	_____	_____	_____
c. Names, addresses, and Phone numbers (office and Home) of all persons qualified to act as emergency coordinator.	_____	_____	_____	_____
d. A list of all emergency equipment at the facility which include the location and physical description of each item on the list, and a brief outline of its capabilities?	_____	_____	_____	_____
e. An evacuation plan for facility personnel where there is a possibility that evacuation could be necessary? (This plan must describe signal(s) to be used to begin evacuation, evacuation routes and alternate evacuation routes.	_____	_____	_____	_____

	Yes	No	Not Inspected	See Remark Number
--	-----	----	---------------	-------------------

2. Are copies of the Contingency Plan available at site and local Emergency Organizations?

3. Emergency Coordinator

a. Is the Facility Emergency Coordinator Identified?

b. Is Coordinator Familiar with all aspects of site operation and Emergency Procedures?

c. Does the Emergency Coordinator have the authority to carry out the Contingency Plan?

4. Emergency Procedures

If an Emergency Situation has occurred at this facility; has the Emergency Coordinator followed the Emergency Procedures listed in §256.56?

#### VI. RECORDKEEPING

(A) Are Manifests, Annual Reports, Exception Reports, and All Test Results and Analyses Retained for at least three years?

#### VII. INTERNATIONAL SHIPMENTS

(A) Has the Installation Imported or Exported Hazardous Waste?

N/A

(If A was answered Yes, then complete one or both of the following)

1. Exporting Hazardous waste, has a generator:

a. Notified the Administrator in writing?

N/A

b. Obtained the Signature of the foreign consignee confirming delivery of the waste(s) in the foreign country?

N/A



Yes

No

Not  
InspectedSee Remark  
Number

c. Met the Manifest requirements?

N/A2. Importing Hazardous Waste,  
has the generator:

a. Met the manifest requirements?

N/A

## VIII. PREPARER INFORMATION

Name: E. N. MortensonTitle: Chemical EngineerPhone Number: 312/886-6221

## REMARKS:

This plant is an unusual situation as the only hazardous waste not coming under the small volume exclusion, (261.5 (a)), is an acidic waste water, pH < 2, which they treat with caustic to render non-hazardous, pH 8, and precipitate out iron as ferric hydroxide. This sludge is non-hazardous. It is hauled to landfill under state of Illinois EPA manifests. The supernatant clear water is discharged to the Greater Chicago Metropolitan Sanitary District Sewer with less than 50 ppm Fe.

Since the acidic water is pumped to a large lined impoundment before neutralization it falls under RCRA rules as a Generator, Storer and Treater. However, with the treatment entirely an internal operation as part of the plant processing it might be argued it should be excluded from RCRA regs, (see 260.10 - (70)), as a totally enclosed treatment facility.

Allied Chemical Corp. (Calumet works)

10<sup>#</sup> - 120001833714

RCRA Interim Status Standards  
Inspection on Feb. 19, 1981

Remark  
Number

Comment - For Form 2

1.

The plant is supplied with manifest forms as required by The State of Illinois for transporting refuse and solid wastes to landfill. These are non-hazardous wastes and are hauled out regularly. They have blank copies of manifests as required under RCRA which to-date have not been used as have not hauled out any hazardous waste. The 41 fifty-five gal. steel drums with corrosive waste will be handled under the EPA manifest.

Other than this one time batch of drums it is not likely the plant will generate as much as 1000 kg/month of hazardous waste to be hauled off-site.

Acidic waste water is treated to become non-hazardous and goes to the sewer. Sludge from treatment is not hazardous. See comment section II (G)

<u>Remark</u> <u>Number</u>	<u>Comment</u>
3	This applies only to the 41 fifty-five gal drums with a corrosive sludge removed from an old storage tank which was dismantled. When disposed of there will not be more material of this type.
4	The impoundment in which the acidic water is stored before neutralization could be designated a plastic tank as it has a 5 layer asphalt impregnated burlap which extends completely out over the earthen dike.
5	The plastic (5 layer asphalt impregnated burlap) is carefully monitored to keep free board greater than 2 ft.
6.	Acidic water is pumped into the lined impoundment. It is manually controlled.

RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS  
TREATMENT, STORAGE, AND DISPOSAL FACILITIES  
Form 4 - Chemical, Physical and Biological Treatment/Land Treatment  
Part 264 (p. 33221) & Part 265 (p. 33232)

I. General Information

(A) Facility Name: Allied Chemical Corp. (Calumet Works)  
(B) Street: 12260 So. Calumet Ave.  
(C) City: Chicago (D) State: IL (E) Zip Code 60633  
(F) Phone: 312/933-8800 (G) County: COOK

II. Chemical, Physical and Biological  
Treatment (Subpart Q) (p. 33251)

	Yes	No	Not Inspected	See Remark Number
1. Is equipment used to treat only those wastes which will not cause leakage, corrosion, or premature failure? <u>265.401(b) p. 33251</u>	✓			1
2. Is a continuously fed system equipped with a means of hazardous waste inflow stoppage or control (e.g., cut-off system)? <u>265.401(c)</u>	N/A			2
3. Has the owner or operator addressed the waste analysis requirements of <u>265.402?</u>	✓			
4. Are inspection procedures followed according to <u>265.403?</u>	✓			
5. Are the special requirements fulfilled for ignitable or reactive wastes? <u>265.405 (p. 33251)</u>	N/A			
6. Are incompatible wastes treated? (If yes, <u>265.17(b)</u> applies.) <u>265.406</u>		✓		

III. Land Treatment (Subpart M) (p. 33247)

	Yes	No	Not Inspected	See Remark Number
1. Is hazardous waste capable of biological or chemical degradation? <u>265.272(a)</u>				
2. Are run-off and run-on diverted from the facility or collected (Effective date: November 19, 1981)? <u>265.272(b)</u>				
3. Is waste analysis according to <u>265.273?</u>				
4. If food chain crops are grown at the facility, has the owner or operator addressed the requirements of <u>265.276?</u>				
5. Is an unsaturated zone monitoring plan designed and implemented to detect the vertical migration of hazardous waste and provide information on the background concentrations of the hazardous waste available? <u>265.278(a)</u>				
6. Does the <u>unsaturated</u> zone monitoring plan address the minimum information specified in <u>265.278? (b)</u>				
7. Are records kept regarding application dates and rates, quantities, and location of all hazardous waste placed in the facility? <u>265.279</u>				
8. Are the special requirements fulfilled regarding land treatment of ignitable or reactive wastes? <u>265.281</u>				
9. Are incompatible wastes land treated? (If yes, 265.17(b) applies.) <u>265.282</u>				

Allied Chemical (Calumet Works)

ID # 16 0001833714

RCRA Interim Status Standards

Inspection on Feb. 19, 1981

Remark

Number

Comment for Form 4

1

Storage impoundment for a maximum of 250,000 gallons of acidic waste water has an asphalt impregnated liner consisting of 5 layers of burlap

2

All acidic water pumped to storage prior to Treatment. Operator watches input to storage impoundment to be sure freeboard is not less than 2 ft.

RCRA INSPECTION REPORT - INTERIM STATUS STANDARDS  
SUPPLEMENTAL FORM 5 FOR STORAGE FACILITY INSPECTIONS

I. General Information

A) Facility Name: Allied Chemical Corp. (Colvinet Works)  
B) Street: 12260 So. Crenshaw Ave.  
C) City: Chicago (D) State: IL (E) ZIP Code 60633  
F) Date of Inspection: 3/2/93-8800

II. Storage Facility Standards (Part 265)

A. Facilities which store containers of hazardous waste (Subpart I)

	YES	NO	NOT IN- SPECTED	REMARK #
1. Are containers in good condition?	✓			/
2. Are containers compatible with waste in them?	✓			"
3. Are containers stored closed?	✓			"
4. Are containers managed to prevent leaks?	✓			"
5. Are containers inspected weekly for leaks and defects?	✓			" No log
6. Are ignitable & reactive wastes stored at least 15 meters (50 feet) from the facility property line?	✓			
7. Are incompatible wastes stored in separate containers? (If not, the provisions of 40 CFR 265.17(b) apply.)	N/A			
8. Are containers of incompatible wastes separated or protected from each other physical barriers or sufficient distance?	N/A			

B. Facilities which store hazardous waste in tanks (Subpart J)

1. Are tanks used to store only those wastes which will not cause corrosion, leakage or premature failure of the tank?				
2. Do uncovered tanks have at least 60 cm (2 feet) of freeboard, or dikes or other containment structures?				

Continued on next page

	YES	NO	NOT IN-SPECTED	REMARK #
3. Do continuous feed systems have a waste-feed cutoff?				
4. Are waste analyses done before the tanks are used to store a substantially different waste than before?				
5. Are required daily and weekly inspections done?				
6. Are reactive & ignitable wastes in tanks protected or rendered non-reactive or non-ignitable? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)				
7. Are incompatible wastes stored in separate tanks? (If not, the provisions of 40 CFR 265.17(b) apply.)				

C. Facilities which store hazardous waste in surface impoundments (Subpart K).

1. Do surface impoundments have at least 60 cm (2 feet) of freeboard?	✓			
2. Do earthen dikes have protective cover?	✓			2
3. Are waste analyses done when the impoundment is used to store a substantially different waste than before?	N/A			
4. Is the freeboard level inspected at least daily?	✓			
5. Are the dikes inspected weekly for evidence of leaks or deterioration?	✓			
6. Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a surface impoundment? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)	N/A			
7. Are incompatible wastes stored in different impoundments? (If not, the provisions of 40 CFR 265.17(b) apply.)	N/A			

D. Facilities which store hazardous waste in waste piles (Subpart L)

1. Are waste piles covered or protected from the wind?				
2. Is each in-coming movement of waste analyzed before being added to the waste pile?				
3. Are leachate, run-off, and run-on controlled? (The effective date of this provision is Nov. 19, 1981.)				
4. Are reactive & ignitable wastes rendered non-reactive or non-ignitable before storage in a pile? (If waste is rendered non-reactive or non-ignitable, see treatment requirements.)				



	YES	NO	NOT IN- SPECTED	REMARK #
5. Are piles of reactive or ignitable waste protected?				
6. Are incompatible wastes stored in different piles? (If not, the provisions of 40 CFR 265.17(b) apply.)				
7. Are piles of incompatible waste protected by barriers or distance from other waste?				